

ABSTRACT OF THE DISCLOSURE

An infusion pump includes a plurality of projections configured so that they enter the subcutaneous region of the patients skin and provides a painless means of creating a breach in the stratum corneum which is sealed against leakage by the skin surrounding each projection and provides a flow path for either a basal and bolus injection of medication. The pump includes a drug reservoir containing a drug. The pump includes a microactuator and includes a housing having a foundation or lid which opens and closes so that the medication container can be inserted and supported in a delivery mode position. A micro actuator is used to advance either a roller or a piston in communication with the medication container. Attached to the micro-actuator is a device that is mounted for movement along the access of the medication container. The device indexes along the medication container that is used to dispense the medication.